Randy J Seeley

List of Publications by Year
in descending order

379 papers	42,352 citations	2213 99 h-index	2624 194 g-index
400 all docs	400 docs citations	400 times ranked	30056 citing authors

#	Article	IF	Citations
1	Central nervous system control of food intake. Nature, 2000, 404, 661-671.	13.7	5,309
2	Identification of targets of leptin action in rat hypothalamus.. Journal of Clinical Investigation, 1996, 98, 1101-1106.	3.9	1,322
3	Hypothalamic mTOR Signaling Regulates Food Intake. Science, 2006, 312, 927-930.	6.0	1,111
4	Signals That Regulate Food Intake and Energy Homeostasis. Science, 1998, 280, 1378-1383.	6.0	1,063
5	Glucagon-like peptide 1 (GLP-1). Molecular Metabolism, 2019, 30, 72-130.	3.0	850
6	FXR is a molecular target for the effects of vertical sleeve gastrectomy. Nature, 2014, 509, 183-188.	13.7	810
7	Ghrelin. Molecular Metabolism, 2015, 4, 437-460.	3.0	810
8	Leptin Increases Hypothalamic Pro-opiomelanocortin mRNA Expression in the Rostral Arcuate Nucleus. Diabetes, 1997, 46, 2119-2123.	0.3	785
9	A Randomized Trial Comparing a Very Low Carbohydrate Diet and a Calorie-Restricted Low Fat Diet on Body Weight and Cardiovascular Risk Factors in Healthy Women. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1617-1623.	1.8	724
10	Obesity and leptin resistance: distinguishing cause from effect. Trends in Endocrinology and Metabolism, 2010, 21, 643-651.	3.1	668
11	Mice lacking ghrelin receptors resist the development of diet-induced obesity. Journal of Clinical Investigation, 2005, 115, 3564-3572.	3.9	537
12	A rationally designed monomeric peptide triagonist corrects obesity and diabetes in rodents. Nature Medicine, 2015, 21, 27-36.	15.2	481
13	Joint international consensus statement for ending stigma of obesity. Nature Medicine, 2020, 26, 485-497.	15.2	468
14	Melanocortin receptors in leptin effects. Nature, 1997, 390, 349-349.	13.7	456
15	Insulin Activation of Phosphatidylinositol 3-Kinase in the Hypothalamic Arcuate Nucleus: A Key Mediator of Insulin-Induced Anorexia. Diabetes, 2003, 52, 227-231.	0.3	441
16	Obesity Pathogenesis: An Endocrine Society Scientific Statement. Endocrine Reviews, 2017, 38, 267-296.	8.9	437
17	A Controlled High-Fat Diet Induces an Obese Syndrome in Rats. Journal of Nutrition, 2003, 133, 1081-1087.	1.3	425
18	Leptin Acts via Leptin Receptor-Expressing Lateral Hypothalamic Neurons to Modulate the Mesolimbic Dopamine System and Suppress Feeding. Cell Metabolism, 2009, 10, 89-98.	7.2	370

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19	The Catabolic Action of Insulin in the Brain Is Mediated by Melanocortins. Journal of Neuroscience, 2002, 22, 9048-9052.	1.7	363
20	Cloned mice have an obese phenotype not transmitted to their offspring. Nature Medicine, 2002, 8, 262-267.	15.2	345
21	Insulin and leptin: dual adiposity signals to the brain for the regulation of food intake and body weight. Brain Research, 1999, 848, 114-123.	1.1	341
22	Is the Energy Homeostasis System Inherently Biased Toward Weight Gain?. Diabetes, 2003, 52, 232-238.	0.3	323
23	High-fructose, medium chain trans fat diet induces liver fibrosis and elevates plasma coenzyme Q9 in a novel murine model of obesity and nonalcoholic steatohepatitis. Hepatology, 2010, 52, 934-944.	3.6	311
24	Intracerebroventricular insulin enhances memory in a passive-avoidance task. Physiology and Behavior, 2000, 68, 509-514.	1.0	307
25	Food Intake and the Regulation of Body Weight. Annual Review of Psychology, 2000, 51, 255-277.	9.9	293
26	Effects of a Fixed Meal Pattern on Ghrelin Secretion: Evidence for a Learned Response Independent of Nutrient Status. Endocrinology, 2006, 147, 23-30.	1.4	293
27	Neuronal GLP1R mediates liraglutideâ€™s anorectic but not glucose-lowering effect. Journal of Clinical Investigation, 2014, 124, 2456-2463.	3.9	293
28	Insulin and the Blood-Brain Barrier. Current Pharmaceutical Design, 2003, 9, 795-800.	0.9	288
29	Arcuate Glucagon-Like Peptide 1 Receptors Regulate Glucose Homeostasis but Not Food Intake. Diabetes, 2008, 57, 2046-2054.	0.3	281
30	Glucagon-Like Peptide-1 (GLP-1) Receptors Expressed on Nerve Terminals in the Portal Vein Mediate the Effects of Endogenous GLP-1 on Glucose Tolerance in Rats. Endocrinology, 2007, 148, 4965-4973.	1.4	279
31	Weight loss through ileal transposition is accompanied by increased ileal hormone secretion and synthesis in rats. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E447-E453.	1.8	268
32	Weight-Independent Changes in Blood Glucose Homeostasis After Gastric Bypass or Vertical Sleeve Gastrectomy in Rats. Gastroenterology, 2011, 141, 950-958.	0.6	264
33	The Diverse Roles of Specific GLP-1 Receptors in the Control of Food Intake and the Response to Visceral Illness. Journal of Neuroscience, 2002, 22, 10470-10476.	1.7	263
34	Cooperation between brain and islet in glucose homeostasis and diabetes. Nature, 2013, 503, 59-66.	13.7	261
35	Brainstem Application of Melanocortin Receptor Ligands Produces Long-Lasting Effects on Feeding and Body Weight. Journal of Neuroscience, 1998, 18, 10128-10135.	1.7	258
36	Comparative analysis of ACTH and corticosterone sampling methods in rats. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E823-E828.	1.8	258

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37	All Bariatric Surgeries Are Not Created Equal: Insights from Mechanistic Comparisons. Endocrine Reviews, 2012, 33, 595-622.	8.9	258
38	Vertical Sleeve Gastrectomy Is Effective in Two Genetic Mouse Models of Glucagon-Like Peptide 1 Receptor Deficiency. Diabetes, 2013, 62, 2380-2385.	0.3	257
39	Neuroendocrine Responses to Starvation and Weight Loss. New England Journal of Medicine, 1997, 336, 1802-1811.	13.9	254
40	Intraventricular Leptin Reduces Food Intake and Body Weight of Lean Rats but Not Obese Zucker Rats. Hormone and Metabolic Research, 1996, 28, 664-668.	0.7	252
41	Long-term orexigenic effects of AgRP-(83â€”132) involve mechanisms other than melanocortin receptor blockade. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R47-R52.	0.9	241
42	Targeted estrogen delivery reverses the metabolic syndrome. Nature Medicine, 2012, 18, 1847-1856.	15.2	241
43	Insulin and Leptin as Adiposity Signals. Endocrine Reviews, 2004, 59, 267-285.	7.1	228
44	Gut-Brain Cross-Talk in Metabolic Control. Cell, 2017, 168, 758-774.	13.5	218
45	Monitoring of stored and available fuel by the CNS: implications for obesity. Nature Reviews Neuroscience, 2003, 4, 901-909.	4.9	206
46	Hormones and diet, but not body weight, control hypothalamic microglial activity. Glia, 2014, 62, 17-25.	2.5	203
47	Adiposity signals and the control of energy homeostasis. Nutrition, 2000, 16, 894-902.	1.1	201
48	Sexual differences in the control of energy homeostasis. Frontiers in Neuroendocrinology, 2009, 30, 396-404.	2.5	198
49	Role of the CNS Melanocortin System in the Response to Overfeeding. Journal of Neuroscience, 1999, 19, 2362-2367.	1.7	194
50	CNS Glucagon-Like Peptide-1 Receptors Mediate Endocrine and Anxiety Responses to Interoceptive and Psychogenic Stressors. Journal of Neuroscience, 2003, 23, 6163-6170.	1.7	193
51	A role for central nervous system PPAR-Î³ in the regulation of energy balance. Nature Medicine, 2011, 17, 623-626.	15.2	193
52	Fibroblast Growth Factor 21 Mediates Specific Glucagon Actions. Diabetes, 2013, 62, 1453-1463.	0.3	191
53	The Role of Gut Adaptation in the Potent Effects of Multiple Bariatric Surgeries on Obesity and Diabetes. Cell Metabolism, 2015, 21, 369-378.	7.2	189
54	Obesity and gut flora. Nature, 2006, 444, 1009-1010.	13.7	188

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55	Sleeve Gastrectomy Induces Loss of Weight and Fat Mass in Obese Rats, but Does Not Affect Leptin Sensitivity. Gastroenterology, 2010, 138, 2426-2436.e3.	0.6	186
56	Leptin Receptor Long-form Splice-variant Protein Expression in Neuron Cell Bodies of the Brain and Co-localization with Neuropeptide Y mRNA in the Arcuate Nucleus. Journal of Histochemistry and Cytochemistry, 1999, 47, 353-362.	1.3	181
57	The Role of Pancreatic Preproglucagon in Glucose Homeostasis in Mice. Cell Metabolism, 2017, 25, 927-934.e3.	7.2	178
58	The Role of Hypothalamic Mammalian Target of Rapamycin Complex 1 Signaling in Diet-Induced Obesity. Journal of Neuroscience, 2008, 28, 7202-7208.	1.7	175
59	Pleasurable behaviors reduce stress via brain reward pathways. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20529-20534.	3.3	175
60	Obesity, diabetes and the central nervous system. Diabetologia, 1998, 41, 863-881.	2.9	174
61	A Novel Selective Melanocortin-4 Receptor Agonist Reduces Food Intake in Rats and Mice without Producing Aversive Consequences. Journal of Neuroscience, 2000, 20, 3442-3448.	1.7	174
62	GLP-1 and energy balance: an integrated model of short-term and long-term control. Nature Reviews Endocrinology, 2011, 7, 507-516.	4.3	173
63	Amylin: A Novel Action in the Brain to Reduce Body Weight*. Endocrinology, 2000, 141, 850-850.	1.4	167
64	The Role of CNS Glucagon-Like Peptide-1 (7-36) Amide Receptors in Mediating the Visceral Illness Effects of Lithium Chloride. Journal of Neuroscience, 2000, 20, 1616-1621.	1.7	163
65	Hypothalamic Melanin-Concentrating Hormone and Estrogen-Induced Weight Loss. Journal of Neuroscience, 2000, 20, 8637-8642.	1.7	160
66	Vertical sleeve gastrectomy reduces hepatic steatosis while increasing serum bile acids in a weight-loss-independent manner. Obesity, 2014, 22, 390-400.	1.5	160
67	The Integrative Role of CNS Fuel-Sensing Mechanisms in Energy Balance and Glucose Regulation. Annual Review of Physiology, 2008, 70, 513-535.	5.6	158
68	Increased expression of mRNA for the long form of the leptin receptor in the hypothalamus is associated with leptin hypersensitivity and fasting. Diabetes, 1998, 47, 538-543.	0.3	157
69	Inhibition of Central Amylin Signaling Increases Food Intake and Body Adiposity in Rats. Endocrinology, 2001, 142, 5035-5038.	1.4	152
70	Perinatal Exposure to Bisphenol-A and the Development of Metabolic Syndrome in CD-1 Mice. Endocrinology, 2010, 151, 2603-2612.	1.4	152
71	Eating Elicited by Orexin-A, But Not Melanin-Concentrating Hormone, Is Opioid Mediated. Endocrinology, 2002, 143, 2995-3000.	1.4	149
72	Consumption of a high-fat diet induces central insulin resistance independent of adiposity. Physiology and Behavior, 2011, 103, 10-16.	1.0	147

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73	How Strongly Does Appetite Counter Weight Loss? Quantification of the Feedback Control of Human Energy Intake. Obesity, 2016, 24, 2289-2295.	1.5	145
74	Fibroblast Growth Factor-19 Action in the Brain Reduces Food Intake and Body Weight and Improves Glucose Tolerance in Male Rats. Endocrinology, 2013, 154, 9-15.	1.4	144
75	Regulation of gastric emptying rate and its role in nutrient-induced GLP-1 secretion in rats after vertical sleeve gastrectomy. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E424-E432.	1.8	143
76	The Role of Î² Cell Glucagon-like Peptide-1 Signaling in Glucose Regulation and Response to Diabetes Drugs. Cell Metabolism, 2014, 19, 1050-1057.	7.2	139
77	Consumption of a high-fat diet alters the homeostatic regulation of energy balance. Physiology and Behavior, 2004, 83, 573-578.	1.0	138
78	THE CRITICAL ROLE OF THE MELANOCORTIN SYSTEM IN THE CONTROL OF ENERGY BALANCE. Annual Review of Nutrition, 2004, 24, 133-149.	4.3	137
79	Intestinal adaptation after ileal interposition surgery increases bile acid recycling and protects against obesity-related comorbidities. American Journal of Physiology - Renal Physiology, 2010, 299, G652-G660.	1.6	136
80	Hyperphagia and Increased Fat Accumulation in Two Models of Chronic CNS Glucagon-Like Peptide-1 Loss of Function. Journal of Neuroscience, 2011, 31, 3904-3913.	1.7	135
81	Enhanced AMPA Receptor Trafficking Mediates the Anorexigenic Effect of Endogenous Glucagon-like Peptide-1 in the Paraventricular Hypothalamus. Neuron, 2017, 96, 897-909.e5.	3.8	133
82	The Effects of Vertical Sleeve Gastrectomy in Rodents Are Ghrelin Independent. Gastroenterology, 2013, 144, 50-52.e5.	0.6	129
83	The effect of vertical sleeve gastrectomy on food choice in rats. International Journal of Obesity, 2013, 37, 288-295.	1.6	127
84	Signalling from the periphery to the brain that regulates energy homeostasis. Nature Reviews Neuroscience, 2018, 19, 185-196.	4.9	124
85	The Role of Energy Expenditure in the Differential Weight Loss in Obese Women on Low-Fat and Low-Carbohydrate Diets. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1475-1482.	1.8	123
86	Regulation of Food Intake Through Hypothalamic Signaling Networks Involving mTOR. Annual Review of Nutrition, 2008, 28, 295-311.	4.3	120
87	The evaluation of insulin as a metabolic signal influencing behavior via the brain. Neuroscience and Biobehavioral Reviews, 1996, 20, 139-144.	2.9	116
88	Role of Central Nervous System Glucagon-Like Peptide-1 Receptors in Enteric Glucose Sensing. Diabetes, 2008, 57, 2603-2612.	0.3	116
89	Insulin and Leptin Combine Additively to Reduce Food Intake and Body Weight in Rats. Endocrinology, 2002, 143, 2449-2452.	1.4	115
90	A Surgical Model in Male Obese Rats Uncovers Protective Effects of Bile Acids Post-Bariatric Surgery. Endocrinology, 2013, 154, 2341-2351.	1.4	113

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91	Lesions of the central nucleus of the amygdala I: Effects on taste reactivity, taste aversion learning and sodium appetite. Behavioural Brain Research, 1993, 59, 11-17.	1.2	112
92	The Role of CNS Fuel Sensing in Energy and Glucose Regulation. Gastroenterology, 2007, 132, 2158-2168.	0.6	110
93	PYY3-36 as an anti-obesity drug target. Obesity Reviews, 2005, 6, 307-322.	3.1	109
94	Synaptic plasticity in neuronal circuits regulating energy balance. Nature Neuroscience, 2012, 15, 1336-1342.	7.1	108
95	Opioid receptor involvement in the effect of AgRP- (83â€"132) on food intake and food selection. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R814-R821.	0.9	107
96	Diet-Induced Weight Loss Is Associated with Decreases in Plasma Serum Amyloid A and C-Reactive Protein Independent of Dietary Macronutrient Composition in Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2244-2249.	1.8	107
97	Duodenal-Jejunal Exclusion Improves Glucose Tolerance in the Diabetic, Goto-Kakizaki Rat by a GLP-1 Receptor-Mediated Mechanism. Journal of Gastrointestinal Surgery, 2009, 13, 1762-1772.	0.9	107
98	Intraventricular GLP-1 reduces short- but not long-term food intake or body weight in lean and obese rats. Brain Research, 1998, 779, 75-83.	1.1	106
99	Central infusion of melanocortin agonist MTII in rats: assessment of c-Fos expression and taste aversion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R248-R254.	0.9	105
100	Low plasma leptin levels contribute to diabetic hyperphagia in rats. Diabetes, 1999, 48, 1275-1280.	0.3	104
101	Dietary sugars, not lipids, drive hypothalamic inflammation. Molecular Metabolism, 2017, 6, 897-908.	3.0	104
102	Inactivation of the cardiomyocyte glucagon-like peptide-1 receptor (GLP-1R) unmasks cardiomyocyte-independent GLP-1R-mediated cardioprotection. Molecular Metabolism, 2014, 3, 507-517.	3.0	102
103	Central Nervous System Mechanisms Linking the Consumption of Palatable High-Fat Diets to the Defense of Greater Adiposity. Cell Metabolism, 2012, 15, 137-149.	7.2	95
104	Wired on sugar: the role of the CNS in the regulation of glucose homeostasis. Nature Reviews Neuroscience, 2013, 14, 24-37.	4.9	95
105	Effect of Growth Hormone on Susceptibility to Diet-Induced Obesity. Endocrinology, 2006, 147, 2801-2808.	1.4	93
106	The Physiology and Molecular Underpinnings of the Effects of Bariatric Surgery on Obesity and Diabetes. Annual Review of Physiology, 2017, 79, 313-334.	5.6	91
107	The Hypothalamic Glucagon-Like Peptide 1 Receptor Is Sufficient but Not Necessary for the Regulation of Energy Balance and Glucose Homeostasis in Mice. Diabetes, 2017, 66, 372-384.	0.3	91
108	Sleeve Gastrectomy in Rats Improves Postprandial Lipid Clearance by Reducing Intestinal Triglyceride Secretion. Gastroenterology, 2011, 141, 939-949.e4.	0.6	89

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109	Targeting the CNS to treat type 2 diabetes. Nature Reviews Drug Discovery, 2009, 8, 386-398.	21.5	87
110	Meal-Anticipatory Glucagon-Like Peptide-1 Secretion in Rats. Endocrinology, 2010, 151, 569-575.	1.4	86
111	Comparison of Central and Peripheral Administration of C75 on Food Intake, Body Weight, and Conditioned Taste Aversion. Diabetes, 2002, 51, 3196-3201.	0.3	85
112	Liraglutide Modulates Appetite and Body Weight Through Glucagon-Like Peptide 1 Receptorâ€"Expressing Glutamatergic Neurons. Diabetes, 2018, 67, 1538-1548.	0.3	84
113	Mice lacking the syndecan-3 gene are resistant to diet-induced obesity. Journal of Clinical Investigation, 2004, 114, 1354-1360.	3.9	84
114	CNS Melanocortin System Involvement in the Regulation of Food Intake. Hormones and Behavior, 2000, 37, 299-305.	1.0	83
115	Mechanisms of oleoylethanolamide-induced changes in feeding behavior and motor activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R729-R737.	0.9	83
116	The Role of Central Glucagon-Like Peptide-1 in Mediating the Effects of Visceral Illness: Differential Effects in Rats and Mice. Endocrinology, 2005, 146, 458-462.	1.4	83
117	The role of GM-CSF in adipose tissue inflammation. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1038-E1046.	1.8	83
118	Does bariatric surgery improve adipose tissue function?. Obesity Reviews, 2016, 17, 795-809.	3.1	81
119	The New Biology of Body Weight Regulation. Journal of the American Dietetic Association, 1997, 97, 54-58.	1.3	79
120	Central infusion of glucagon-like peptide-1-(7â€"36) amide (GLP-1) receptor antagonist attenuates lithium chloride-induced c-Fos induction in rat brainstem. Brain Research, 1998, 801, 164-170.	1.1	79
121	Violet-light suppression of thermogenesis by opsin 5 hypothalamic neurons. Nature, 2020, 585, 420-425.	13.7	78
122	Visceral abdominal fat is correlated with whole-body fat and physical activity among 8-y-old children at risk of obesity. American Journal of Clinical Nutrition, 2007, 85, 46-53.	2.2	77
123	NPY and food intake: Discrepancies in the model. Regulatory Peptides, 1998, 75-76, 403-408.	1.9	76
124	Fasting and postprandial concentrations of GLP-1 in intestinal lymph and portal plasma: evidence for selective release of GLP-1 in the lymph system. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2163-R2169.	0.9	76
125	Loss of Cytokine-STAT5 Signaling in the CNS and Pituitary Gland Alters Energy Balance and Leads to Obesity. PLoS ONE, 2008, 3, e1639.	1.1	75
126	Immediate and Prolonged Patterns of Agouti-Related Peptide-(83â€"132)-Induced c-Fos Activation in Hypothalamic and Extrahypothalamic Sites*. Endocrinology, 2001, 142, 1050-1056.	1.4	74

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127	The Effect of Angiotensin-Converting Enzyme Inhibition Using Captopril on Energy Balance and Glucose Homeostasis. Endocrinology, 2009, 150, 4114-4123.	1.4	74
128	The effect of fat removal on glucose tolerance is depot specific in male and female mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1012-E1020.	1.8	73
129	Complex Regulation of Mammalian Target of Rapamycin Complex 1 in the Basomedial Hypothalamus by Leptin and Nutritional Status. Endocrinology, 2009, 150, 4541-4551.	1.4	73
130	Targeting FXR and FGF19 to Treat Metabolic Diseasesâ€"Lessons Learned From Bariatric Surgery. Diabetes, 2018, 67, 1720-1728.	0.3	72
131	How diabetes went to our heads. Nature Medicine, 2006, 12, 47-49.	15.2	71
132	C75 inhibits food intake by increasing CNS glucose metabolism. Nature Medicine, 2003, 9, 483-485.	15.2	70
133	Sexually different actions of leptin in proopiomelanocortin neurons to regulate glucose homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E630-E639.	1.8	70
134	Gastric Bypass Surgery Attenuates Ethanol Consumption in Ethanol-Preferring Rats. Biological Psychiatry, 2012, 72, 354-360.	0.7	70
135	Angiotensin Type 1a Receptors in the Paraventricular Nucleus of the Hypothalamus Protect against Diet-Induced Obesity. Journal of Neuroscience, 2013, 33, 4825-4833.	1.7	70
136	Ciliary Neurotrophic Factor and Leptin Induce Distinct Patterns of Immediate Early Gene Expression in the Brain. Diabetes, 2004, 53, 911-920.	0.3	69
137	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. Nature Communications, 2021, 12, 1041.	5.8	69
138	Effect of vertical sleeve gastrectomy on food selection and satiation in rats. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1076-E1084.	1.8	68
139	Calcitonin Receptor Neurons in the Mouse Nucleus Tractus Solitarius Control Energy Balance via the Non-aversive Suppression of Feeding. Cell Metabolism, 2020, 31, 301-312.e5.	7.2	68
140	Expression of New Loci Associated With Obesity in Dietâ€Induced Obese Rats: From Genetics to Physiology. Obesity, 2012, 20, 306-312.	1.5	67
141	Integration of Satiety Signals by the Central Nervous System. Current Biology, 2013, 23, R379-R388.	1.8	67
142	GM-CSF action in the CNS decreases food intake and body weight. Journal of Clinical Investigation, 2005, 115, 3035-3044.	3.9	67
143	Intestinal satiety protein apolipoprotein AIV is synthesized and regulated in rat hypothalamus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1382-R1387.	0.9	66
144	Subcutaneous adipose tissue transplantation in diet-induced obese mice attenuates metabolic dysregulation while removal exacerbates it. Physiological Reports, 2013, 1, .	0.7	66

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145	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. Cell Metabolism, 2017, 26, 620-632.e6.	7.2	66
146	A comparison between effects of intraventricular insulin and intraperitoneal lithium chloride on three measures sensitive to emetic agents.. Behavioral Neuroscience, 1995, 109, 547-550.	0.6	65
147	Distinct Neural Sites of GLP-1R Expression Mediate Physiological versus Pharmacological Control of Incretin Action. Cell Reports, 2019, 27, 3371-3384.e3.	2.9	64
148	Similar effects of roux-en-Y gastric bypass and vertical sleeve gastrectomy on glucose regulation in rats. Physiology and Behavior, 2011, 105, 120-123.	1.0	63
149	The autonomic nervous system and cardiac GLP-1 receptors control heart rate in mice. Molecular Metabolism, 2017, 6, 1339-1349.	3.0	63
150	GDF15 acts synergistically with liraglutide but is not necessary for the weight loss induced by bariatric surgery in mice. Molecular Metabolism, 2019, 21, 13-21.	3.0	63
151	Central angiotensin II has catabolic action at white and brown adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1081-E1091.	1.8	62
152	Intraventricular insulin enhances the meal-suppressive efficacy of intraventricular cholecystokinin octapeptide in the baboon.. Behavioral Neuroscience, 1995, 109, 567-569.	0.6	61
153	Thermoneutral housing is a critical factor for immune function and diet-induced obesity in C57BL/6 nude mice. International Journal of Obesity, 2015, 39, 791-797.	1.6	61
154	Reg3 Proteins as Gut Hormones?. Endocrinology, 2019, 160, 1506-1514.	1.4	61
155	Neurological dissociation of gastrointestinal and metabolic contributions to meal size control.. Behavioral Neuroscience, 1994, 108, 347-352.	0.6	60
156	Forebrain contribution to the induction of a cellular correlate of conditioned taste aversion in the nucleus of the solitary tract. Journal of Neuroscience, 1995, 15, 6789-6796.	1.7	60
157	Food Intakeâ€independent Effects of CB1 Antagonism on Glucose and Lipid Metabolism. Obesity, 2009, 17, 1641-1645.	1.5	60
158	Roux-en-Y Gastric Bypass Surgery But Not Vertical Sleeve Gastrectomy Decreases Bone Mass in Male Rats. Endocrinology, 2013, 154, 2015-2024.	1.4	60
159	Intraventricular melanin-concentrating hormone stimulates water intake independent of food intake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R494-R499.	0.9	59
160	Oral l-Arginine Stimulates GLP-1 Secretion to Improve Glucose Tolerance in Male Mice. Endocrinology, 2013, 154, 3978-3983.	1.4	58
161	Impaired glucose tolerance in rats fed low-carbohydrate, high-fat diets. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1059-E1070.	1.8	58
162	Effect of a high-fat diet on food intake and hypothalamic neuropeptide gene expression in streptozotocin diabetes.. Journal of Clinical Investigation, 1998, 102, 340-346.	3.9	58

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163	Lesions of the central nucleus of the amygdala II: Effects on intraoral NaCl intake. Behavioural Brain Research, 1993, 59, 19-25.	1.2	57
164	Differences in the Central Anorectic Effects of Glucagon-Like Peptide-1 and Exendin-4 in Rats. Diabetes, 2009, 58, 2820-2827.	0.3	57
165	Increased Dietary Fat Attenuates the Anorexic Effects of Intracerebroventricular Injections of MTII. Endocrinology, 2003, 144, 2941-2946.	1.4	56
166	Sexually dimorphic responses to fat loss after caloric restriction or surgical lipectomy. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E316-E326.	1.8	56
167	Inhibition of Central Amylin Signaling Increases Food Intake and Body Adiposity in Rats. , 0, .		56
168	Amylin and Insulin Interact to Reduce Food Intake in Rats. Hormone and Metabolic Research, 2000, 32, 62-65.	0.7	55
169	Syndecanâ€3 Modulates Food Intake by Interacting with the Melanocortin/AgRP Pathway. Annals of the New York Academy of Sciences, 2003, 994, 66-73.	1.8	55
170	Acute 3rd-ventricular amylin infusion potently reduces food intake but does not produce aversive consequences. Peptides, 2002, 23, 985-988.	1.2	54
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